

Defem® U-bar Support System

for Server Room, Telecom and Data Center Applications

Complement to the Defem Wire Tray Manual

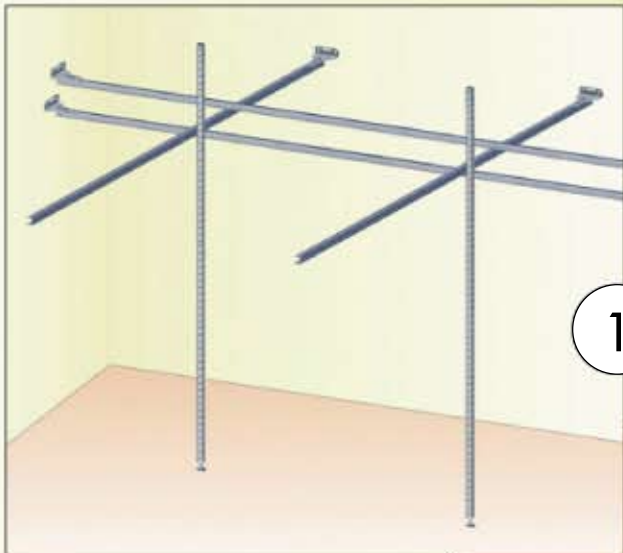
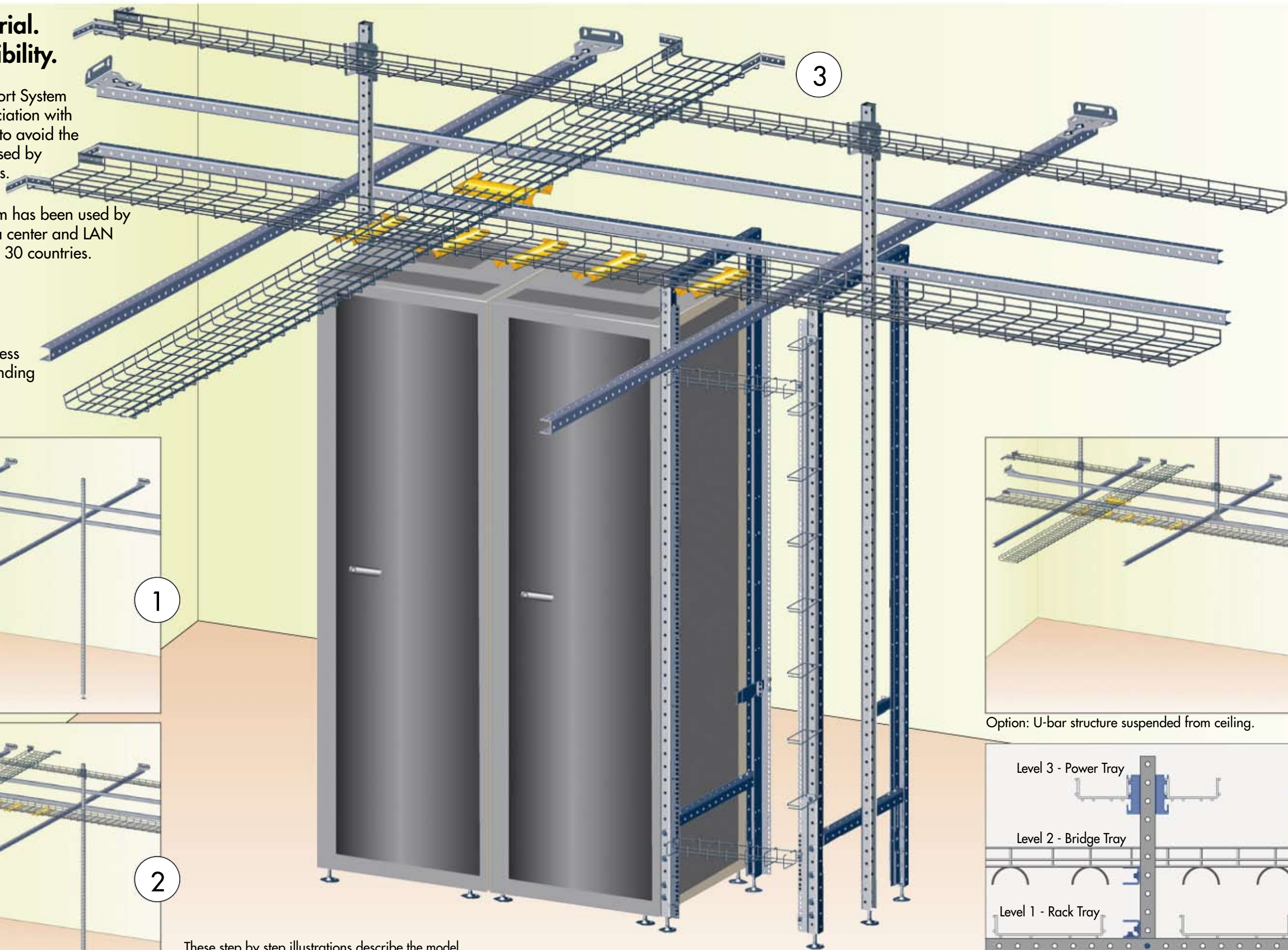
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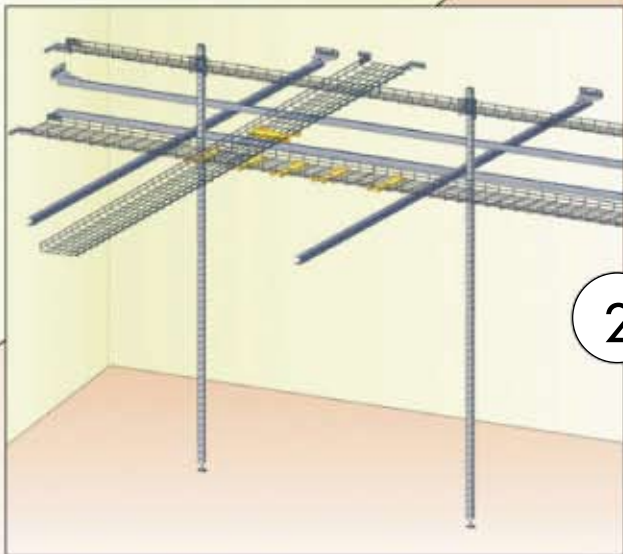
**Minimum Material.
Maximum Flexibility.**

The Defem U-bar Support System was developed in association with Swedish Telecom/Telia to avoid the dramatic problems caused by congested cable channels. Since its introduction in 1995, the Defem System has been used by telecom operators, data center and LAN managers in more than 30 countries.

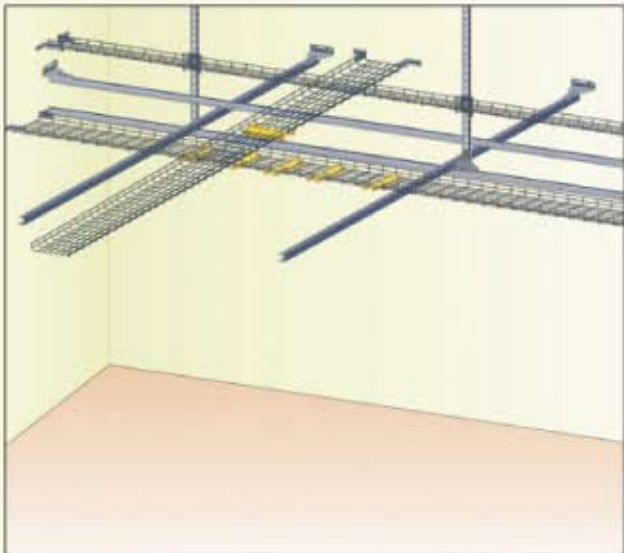
- Simple installation
- Simple maintenance
- Full visibility and access
- Full equipotential bonding



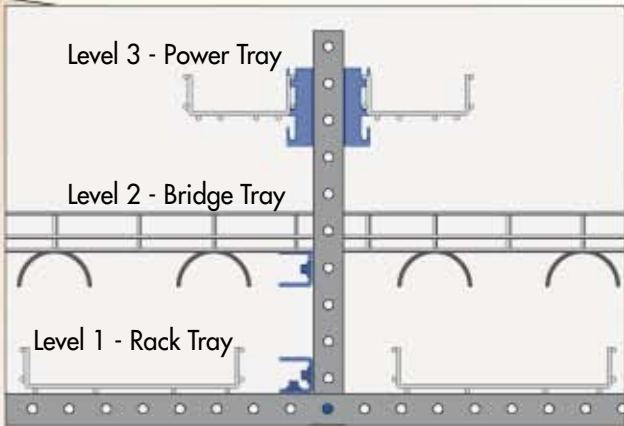
1



2



Option: U-bar structure suspended from ceiling.



The Defem Multilevel concept
More info at www.defem.com

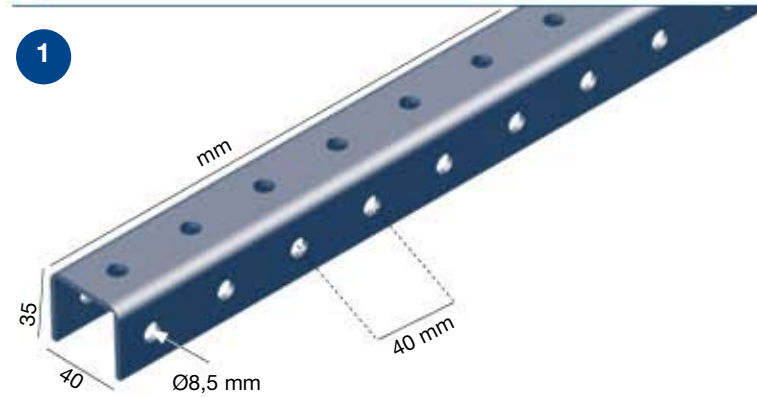
These step by step illustrations describe the model installed at the BICSI® Training Center in Tampa, Florida. With the Level 1 U-bar at 2120 mm, this allows for multiple choices of cabinets or open CombiRack frames.

For more installation models and background information, visit www.defem.com/Applications - Data/Telecom.

U-bar

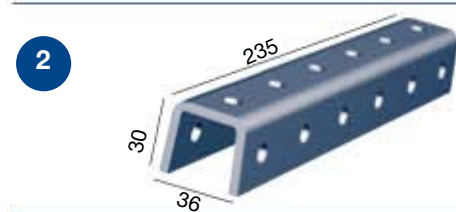
All dimensions in mm

 = for instructions, see page...



Article	Art.No.	Kg	Pack
U-bar B60/mm  page 6-7			
2876 mm	11 494 00	6,2	1
2120 mm	50 024 59	4,8	1
1920 mm	50 024 53	4,2	1
1000 mm	50 024 58	2,2	1
920 mm	50 024 57	2,0	1
800 mm	50 024 56	1,8	1
720 mm	50 024 52	1,6	1
600 mm	50 024 55	1,4	1
520 mm	50 024 54	1,2	1
480 mm	50 024 51	1,1	1
400 mm	50 024 50	0,9	1

Metal thickness 3 mm. Hole diameter 8,5 mm. Distance between holes cc 40 mm.
For support of the Defem Wire Tray system and assembly of CombiRack frames.



Joining Fitting B61

Zinc plated	11 494 01	0,6	6
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Metal thickness 3 mm. For joining of U-bars.

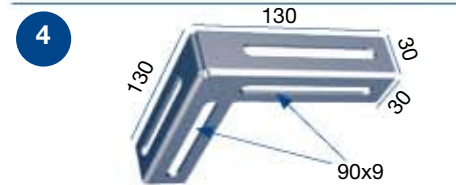
U-bar Accessories



Angle Fitting B62

Zinc plated	11 494 02	0,2	6
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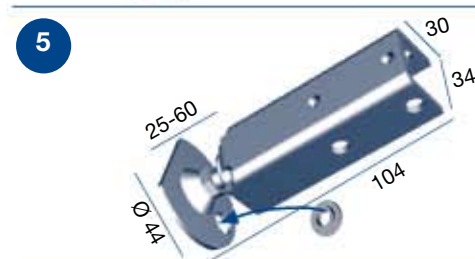
Metal thickness 3 mm. For mounting or joining of U-bars.



Corner Fitting B65

Zinc plated	11 494 07	0,2	6
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Metal thickness 3 mm. For mounting or joining of U-bars and assembly of CombiRack frames.



Adjustable Foot B63

Zinc plated	11 494 06	0,3	6
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Metal thickness 4 mm. Hole diameter 8,5 mm. M8-thread in the back side.
Distance between holes cc 40 mm. Ball joint foot that compensates for uneven floor.
Adjustable height 70 mm depending on assembly.



End Cap B64

Polyeten/grey	11 494 03	0,1	10
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For protection of exposed ends of the U-bar.



Flange Bolt B66 - pack of 50

Zinc plated M8x20	11 494 04	0,7	1
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M8x20. Tensi-Lock for gas tight connections.



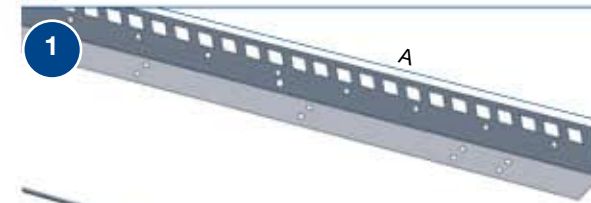
Flange Nut B43/M8 - pack of 50

Zinc plated M8	11 494 05	0,4	1
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M8. Tensi-Lock for gas tight connections.

Rack Accessories

 = for instructions, see page...



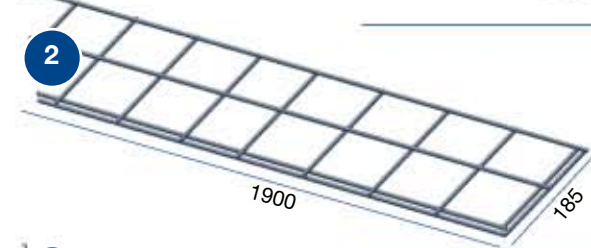
Mounting Profile 19", B2460

Zinc plated	50 024 60	1876	2000	2,5	1
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Mounting Profile 19", B2461

Zinc plated	50 024 61	2060	2200	2,7	1
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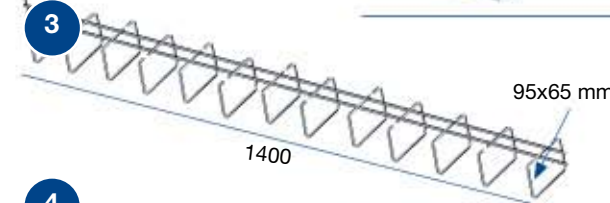
For 42 and 46 U. Fittings included.



Mounting Net, B2581*

Zinc plated	50 025 81	-	-	1,8	1
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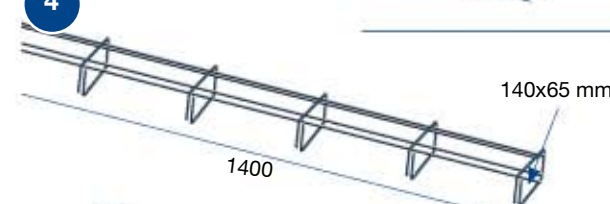
To keep cables in order along rack-side.



Cable Duct, Vertical, B2468/95

Zinc plated	50 024 68	-	-	1,15	4
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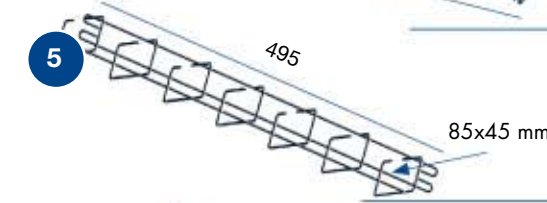
Fittings included.



Cable Duct, Vertical, B2468/140

Zinc plated	50 024 67	-	-	1,43	4
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Fittings included.



Cable Duct 19", Horizontal, B2469

Zinc plated	50 024 69	-	-	0,26	10
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Fittings included.



Telescopic Adapter 19", B2580

Zinc plated	50 025 80	-	-	0,3	1
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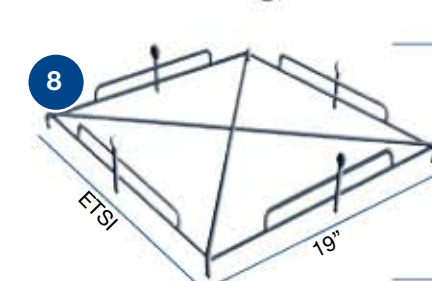
To compensate for the difference between equipment and rack depth.
Adjustable for 15-220 mm. Patent pending.



Cage Nut Set, pack of 10, B2490

Zinc plated	50 024 90	-	-	0,1	1
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With Torx bolt.



Mounting Frame B2590

Zinc plated	50 025 90	-	-	2,0	1
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Simplifies mounting of CombiRack frames. 19" as well as ETSI.



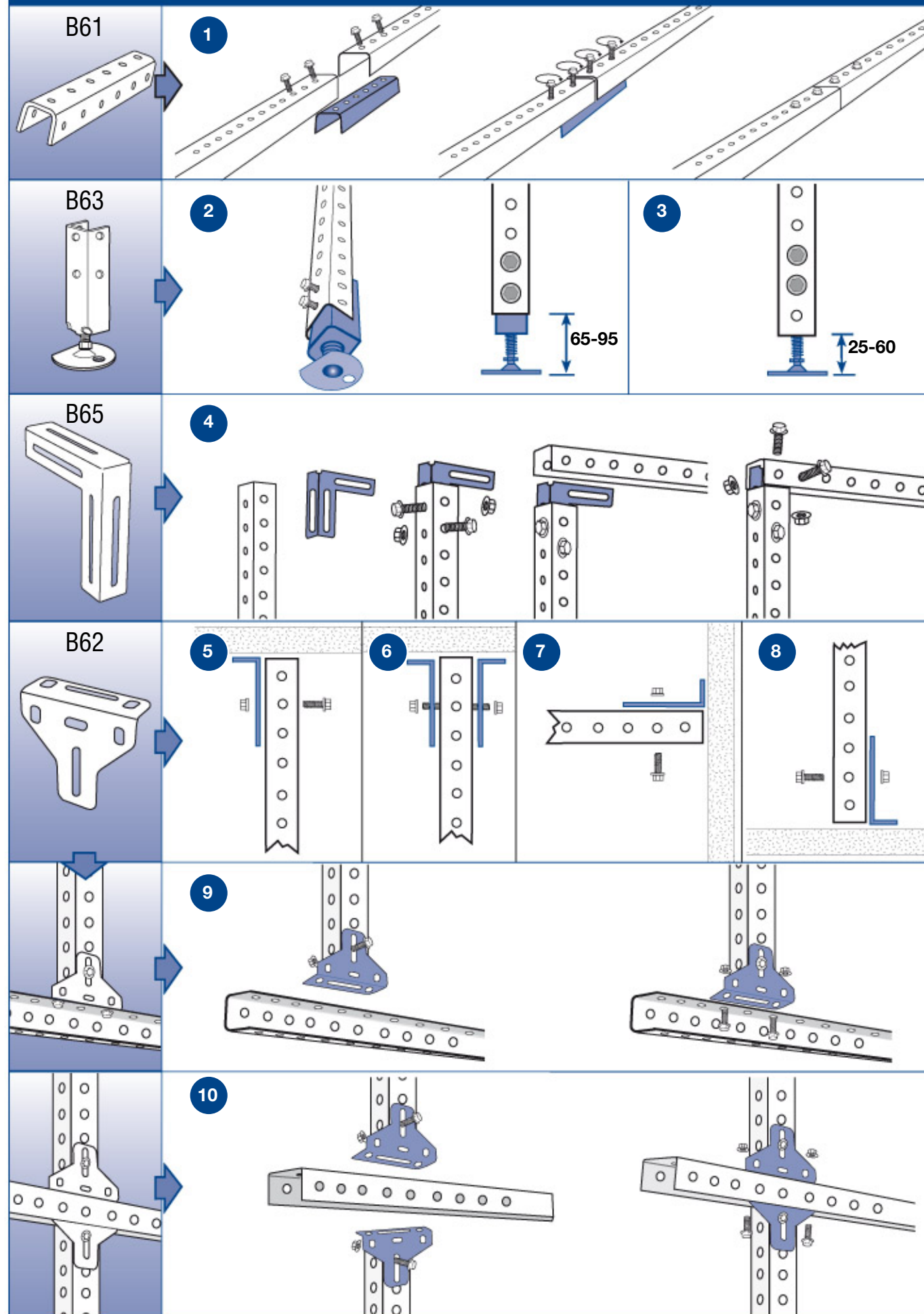
13 mm Spanner, B45/13

Chrome Vanadium	16 222 21	-	-	0,08	1
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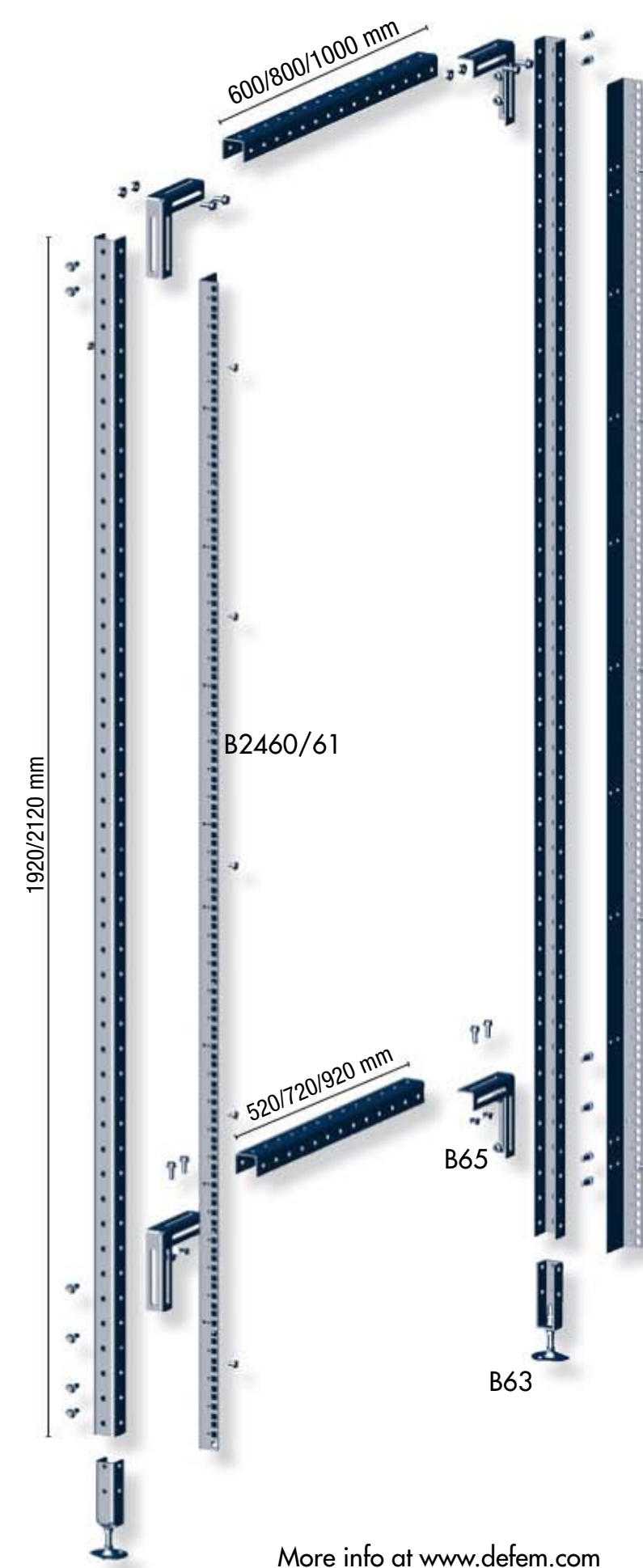
Spanner adapted for Defem U-bar system.

*/ Special order

U-bar Assembly

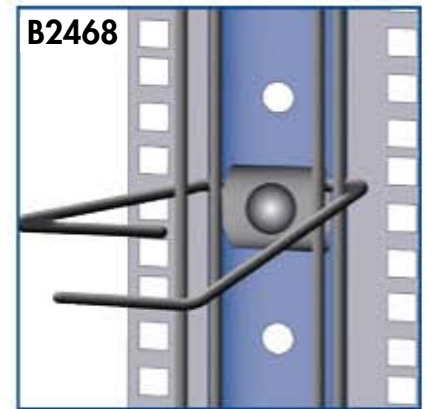


CombiRack Frame Assembly

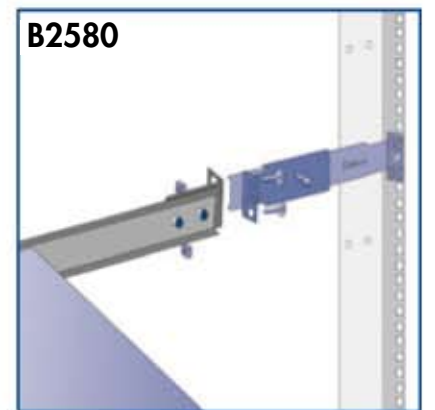


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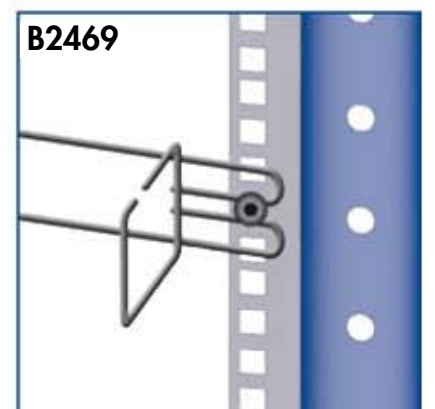
Rack Accessories



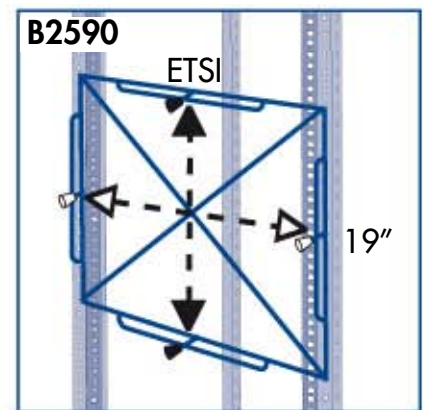
+ B2x2 + B13x2



+ B2490x8



+ B2490x2





Management system - Quality and Environment

Wibe has a third-party certified management system for quality and environment in accordance with ISO 9001:2000 och ISO 14001:2004.



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